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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY Indonesia (Java)

SUBJECT Tandjung Perak (Surabaya), Port and Terminal Information

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THIS IS UNEVALUATED INFORMATION

General Description of PortPort Information

	<u>Entrance</u>	<u>Channel</u>	<u>Anchorage</u>
Controlling depth (meters)	9.60	9.60	9.60
Mean Tidal Range (meters)	±1.80	±1.80	±1.80
Velocity of tide (mph)	1.5	1.5	1.5
Nature of bottom	mud and sand	mud and sand	mud and sand

Max size of vessel - 550' length, 90' beam, draft - high tide 30' and low tide 23'.
Only limiting condition is maximum draft for low tide 23'
maximum draft for high tide..... 30'

Vessels are not permitted to enter port or depart during hours of darkness due to port regulations. Special requests may be obtained.

Dredging of western approaches is in progress, but does not affect berthing.

Pilotage is compulsory due to Tandjung Perak port regulations. Pilots are available at pilots vessel entrance of West channel.

Vessels can obtain pratique officially between 7 to 12 - 1300 hours to 1700 hours.

Unusual navigational difficulties encountered when entering or leaving the port:

Mine field western approaches

The western approaches to Perak harbor leads through a swept channel in a mine field from outer lighthouse near pilot vessels. The channel is well-lighted with buoys and beacons.

Four tugs of 600 - 1100 HP are available. Two are seagoing and two are mooring tugs.

SEE LAST PAGE FOR SUBJECT & AREA CODES

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Bunker fuel available from Petroleum Board (Standard Vacuum Sales Co & Shell)

Diesel fuel available from Petroleum Board (Standard Vacuum Sales Co & Shell)

Fresh water is available from Government (Harbor - Directorate)

There is a machine shop and foundry at Droogdok Mij, Surabaya Vecm

Drydock - Graving I 325' length, 58' width, 15' depth on sill, 4,000 tons
lifting power

Floating I 552' length, 82' width, 24' depth on sill, 15,500 tons
lifting power

Floating II 350' length, 38' width, 18' depth on sill, 3,500 tons
lifting power

Oil Pier

Terminal - Tandjung Perak

Owner - Government

Used by - Standard Vacuum & Shell

Berths and Approaches

Controlling depth

Mean tidal range

Velocity of tide

Nature of bottom

Berth

30'

± 6'

5'

mud and sand

Max size of vessel - unlimited length, unlimited beam, 30' draft spring tide, 23' MLW.

Port regulations do not permit vessels to dock or undock during hours of darkness.

Vessels may dock and undock at any time before darkness. Vessels may dock and undock at Gov Wharf only during East-going tide on account of minefield.

There are one or two tugs available for docking or undocking, depending on the situation.

Discharge mogas not permitted during darkness.

Shore steam and shore electricity are not available.

Fuel oil and diesel oil which is barged is supplied by Petroleum Board.

Fresh water is barged at the rate of 100-120 tons/hr

Shore facilities

Grade	<u>Tanks</u>		<u>Pipelines</u>				Max All'd Pressure
	El (ft)	Cap (bbls)	No & Diam (in)	Length (ft)	Cap B/hr	Hose Conn No & Size	
Mogas	30	40,560	1 x 10"	2480	731	1 x 8"	75
Kero	30	58,410	1 x 10"-12"	7570	957	1 x 8"	75
100	30	40,560	1 x 12"	1132	1132	1 x 8"	75
B fuel	30	58,410	1 x 12"		1132	1 x 8"	75
Avigas	30	19,880	1 x 10"		731	1 x 8"	75
Avigas	30	10,140	1 x 10"		731	1 x 8"	75
H S D	30	10,140	1 x 10"-12"		957	1 x 8"	75
Cleaning	30	14,600	1 x 10"-12"		1132	1 x 8"	75
Cleaning	30	14,600	1 x 10"-12"		957	1 x 8"	75

Avigas, mogas, kero, HSD are all handled by common pipeline.

Map
[Available on loan from the CIA/Library is the following:

Pelabuhan Surabaya, 1:10,000; 1952.

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